

400-592

9/12/2012

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U S ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505P)
Ariel Rios Building
1200 Pennsylvania Ave , NW
Washington, D C 20460

EPA Reg
Number
400-592

Date of Issuance
SEP 12 2012

NOTICE OF PESTICIDE

X Registration
Reregistration
(under FIFRA as amended)

Term of Issuance Unconditional

Name of Pesticide Product
RANCONA Dimension Pro
Seed Protectant

Name and Address of Registrant (include ZIP Code)

Allen Blem
Chemtura Corporation
199 Benson Road, 2-5
Middlebury, CT 06749

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant the above named pesticide is hereby registered under the Federal Insecticide Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment the Administrator on his motion may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA provided you

- 1 Submit and/or cite all data required for registration of your product under FIFRA when the Agency requires all registrants of similar products to submit such data
- 2 Submit two copies of a final printed label within 30 days from the date of this notice (include a copy of this notice) which makes the following changes
 - A Page 1- Correct 95.56% to 95.64% Change to "EPA Reg No 400-592"
 - B Page 3- In "Seed Treatment Equipment", change first line to "Apply RANCONA Dimension Pro Seed Protectant with mechanical slurry, or mist type seed "
 - B Page 6- In the "Treated Seed Labeling" section, to indicate the start and end of required seed bag labeling, add left quotation marks to "This package ", and right quotation marks in the last (6th) bulleted line " with local requirements"

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA Section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A copy of the label stamped "Accepted With Comments" is enclosed for your records.

Signature of Approving Official

Tony Kish
Product Manager, Team 22
Fungicide Branch
Registration Division (7504P)

Date

SEP 12 2012

RANCONA[®] Dimension Pro

SEED PROTECTANT

Active Ingredients (% by weight):

ipconazole (CAS No. 125225-28-7).....2.42%*

metalaxyl (CAS No. 57837-19-1).....1.94%*

Other Ingredients:95.56%

Total:.....**ACCEPTED 100%**

*Contains 0.209 lb. ipconazole and 0.167 lb. metalaxyl per gallon.

*Contains 25 grams ipconazole and 20 grams metalaxyl per liter.

with COMMENTS
In EPA Letter Dated
SEP 12 2012

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID

IF IN EYES:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
IF SWALLOWED:	<ul style="list-style-type: none"> • Immediately call a poison control center or doctor. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

EMERGENCY ASSISTANCE: Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

EMERGENCY PHONE

SAFETY DATA AND INFORMATION

TRANSPORTATION EMERGENCY (CHEMTREC)

800-292-5898

866-430-2775

800-424-9300

Net Contents:

EPA REG. NO. 400-(new)
EPA EST. NO.
001/ ver 02-21-2012

Manufactured for:
Chemtura Corporation
199 Benson Road
Middlebury, CT 06749

 **Chemtura**
AGROSOLUTIONS™

www.ChemturaAgroSolutions.com

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Causes moderate eye irritation Harmful if swallowed or absorbed through skin Avoid contact with skin eyes or clothing Wash thoroughly with soap and water after handling and before eating drinking chewing gum using tobacco or using the toilet Remove and wash contaminated clothing before reuse

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below If you want more options follow the instructions for Category C on an EPA chemical-resistance category selection chart

Applicators and Other Handlers Must Wear Long-sleeved shirt and long pants chemical-resistant gloves such as barrier laminate butyl rubber nitrile rubber neoprene rubber or Viton and shoes plus socks Follow manufacturers instructions for cleaning and maintaining PPE If no such instructions for washables exist use detergent and hot water Keep and wash PPE separately from other laundry

When handlers use closed systems in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4)] the handler PPE may be reduced or modified as specified in the WPS

USER SAFETY RECOMMENDATIONS

Users should

Wash hands before eating drinking chewing gum using tobacco or using the toilet

Remove clothing immediately if pesticide gets inside Then wash thoroughly and put on clean clothing

Remove PPE immediately after handling this product Wash the outside of gloves before removing

As soon as possible wash thoroughly and change into clean clothing

ENVIRONMENTAL HAZARDS

Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark

Treated seeds exposed on soil surface may be hazardous to wildlife Cover or collect treated seeds spilled during loading and planting Dispose of all excess treated seed by burying seed away from bodies of water Do not contaminate water when disposing of equipment washwater or rinsate Iproconazole may persist in soil and long-term use in the same field may result in an accumulation of active ingredient

Groundwater Advisory Metalaxyl is known to leach through soil into groundwater under certain conditions as a result of agricultural use Use of this chemical in areas where soils are permeable particularly where the water table is shallow may result in groundwater contamination

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling Read all label directions carefully before use

Do not apply this product in a way that will contact workers or other persons Only protected handlers may be in the area during application For any requirements specific to your State or Tribe consult the agency responsible for pesticide regulation

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard 40 CFR Part 170 This Standard contains requirements for the protection of agricultural workers on farms forests nurseries and greenhouses and handlers of agricultural pesticides It contains requirements for training decontamination notification and emergency assistance It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard

Do not enter or allow worker entry into treated areas during the **restricted entry interval (REI) of 24 hours** *Exception* Once the seeds are planted in soil the Worker Protection Standard under certain circumstances allows workers to enter the treated area without restriction if there will be no worker contact with the soil subsurface or treated seed

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated such as plants soil or water is long-sleeved shirt and long pants chemical-resistant gloves such as barrier laminate butyl rubber nitrile rubber or Viton shoes plus socks

USE INFORMATION

RANCONA[®] Dimension Pro Seed Protectant is a systemic and contact broad-spectrum fungicide for seed treatment that protects against a wide variety of diseases. RANCONA Dimension Pro is effective against smuts, bunts, *Fusarium*, *Diaporthe* (*Phomopsis*), *Rhizoctonia*, *Pythium*, and seed-borne *Sclerotinia*. It is also effective against seed rot fungi such as *Aspergillus* and *Penicillium*. Seed should be sound and well cured before treatment.

RANCONA Dimension Pro Seed Protectant may be used in combination with a metalaxyl containing product (such as BELMONT[™] 2.7 FS or MetaStar[™] ST) for enhanced *Pythium* and *Phytophthora* protection. Do not use RANCONA Dimension Pro in combination with other seed treatment products unless their compatibility has been verified. Always read and follow carefully all label directions and precautions of each combination product. When using combinations of products, the most restrictive of label limitations and precautions must be followed. Do not tank mix with any pesticide that has a prohibition against tank mixing.

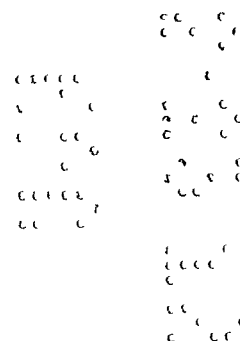
NOTE: This product is undyed. The purchaser of this product is responsible for ensuring that all seed treated with this product are adequately colored with a suitable colorant to prevent its accidental use as food for man or feed for animals. Refer to 21CFR Part 2.25. Any colorant added to treated seed must be cleared for use under 40CFR Part 153.155.

SEED TREATMENT EQUIPMENT

RANCONA Dimension Pro Seed Protectant may be applied with mechanical slurry or mist-type seed treating equipment, provided that the equipment can be calibrated to accurately and uniformly apply the product to seed. Uniform application to seed is necessary to ensure best disease protection and optimum performance. Seed should be sound and well cured before treatment. Refer to the label rates below.

RANCONA Dimension Pro must be diluted with water or mixed with other registered seed treatment products before use in order to achieve good uniformity of treatment. **Use a total slurry application volume of 3 to 15 fl oz per 100 lb of seed.** The actual slurry volume will depend on the type of treater, other seed treatment products that are used in combination, and/or seed and facility temperatures. Mix RANCONA Dimension Pro and water or other seed treatment products thoroughly into a slurry before treating seed. Recalibrate treating equipment to apply the targeted slurry volume, taking into account the total treatment and dilution water volumes. Contact your local Chemtura representative or supplier for specific recommendations.

Equipment Cleaning: Following applications, thoroughly rinse seed treatment equipment with water. Do not contaminate water by disposal of equipment washwater or rinsate.



APPLICATION RATE

Crop	RANCONA [®] Dimension Pro Rate (fl oz) per 100 lb Seed	Symptoms Controlled (Disease Organism)	Symptoms Suppressed (Disease Organism)
Soybeans	1 53	Seed rot damping off and seedling blight including seed- and soil-borne <i>Fusarium</i> and <i>Rhizoctonia solani</i> General seed rots (including those caused by saprophytic organisms such as <i>Penicillium</i> and <i>Aspergillus</i>) Seed-borne <i>Phomopsis</i> (<i>Diaporthe</i>) <i>Botrytis</i> and <i>Sclerotinia</i>	<i>Pythium</i> seed rot damping off and seedling blight
Dried shelled beans and peas Bean (<i>Lupinus</i> spp) (includes grain lupine sweet lupine white lupine and white sweet lupine) Bean (<i>Phaseolus</i> spp) (includes field bean kidney bean lima bean (dry) navy bean pinto bean tepary bean) Bean (<i>Vigna</i> spp) (includes adzuki bean blackeyed pea catjang cowpea Crowder pea moth bean mung bean rice bean southern pea urd bean) Pea (<i>Pisum</i> spp) (includes field pea) broad bean (dry) chickpea guar lablab bean lentil pigeon pea	1 53	Seed rot damping off and seedling blight including seed- and soil-borne <i>Fusarium</i> and <i>Rhizoctonia solani</i> General seed rots (including those caused by saprophytic organisms such as <i>Penicillium</i> and <i>Aspergillus</i>) Seed-borne <i>Botrytis</i> and <i>Sclerotinia</i>	Seed-borne Anthracnose of bean <i>Pythium</i> seed rot damping off and seedling blight
Wheat (Spring and Winter)	0 92 to 1 53	General seed rots (including those caused by <i>Penicillium</i> and <i>Aspergillus</i>) Seed rot damping off and seedling blight (Seed- and soil-borne <i>Fusarium</i> and <i>Cochliobolus sativus</i>) Loose Smut (<i>Ustilago tritici</i>) Common Bunt (<i>Tilletia caries</i> <i>T. foetida</i>) Early Season Root Rot (<i>Rhizoctonia</i>)	Common root rot (<i>Cochliobolus sativus</i>) Crown and Foot Rot (<i>Fusarium</i>) <i>Pythium</i> seed rot damping off and seedling blight*

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Barley	0.92 to 1.53	General seed rots (including those caused by <i>Penicillium</i> and <i>Aspergillus</i>) Seed rot damping off and seedling blight (seed- and soil-borne <i>Fusarium</i> and <i>Cochliobolus sativus</i>) True Loose Smut (<i>Ustilago nuda</i>) Covered Smut (<i>U. hordei</i>) False Loose Smut (<i>U. nigra</i>) Early Season Root Rot (<i>Rhizoctonia</i>)	Common root rot (<i>Cochliobolus sativus</i>) Crown and Foot Rot (<i>Fusarium</i>) Leaf Stripe (<i>Pyrenophora graminea</i>) <i>Pythium</i> seed rot damping off and seedling blight*
Oats	0.92 to 1.53	General seed rots (including those caused by <i>Penicillium</i> and <i>Aspergillus</i>) Seed rot damping off and seedling blight (seed- and soil-borne <i>Fusarium</i> and <i>Cochliobolus sativus</i>) Loose Smut (<i>Ustilago avenae</i>) Covered Smut (<i>U. segetum</i> var <i>hordei</i>)	Common root rot (<i>Cochliobolus sativus</i>) Crown and Foot Rot (<i>Fusarium</i>) <i>Pythium</i> seed rot damping off and seedling blight*
Rye Triticale	0.92 to 1.53	General seed rots (including those caused by <i>Penicillium</i> and <i>Aspergillus</i>) Seed rot damping off and seedling blight (seed- and soil-borne <i>Fusarium</i> and <i>Cochliobolus sativus</i>)	Common root rot (<i>Cochliobolus sativus</i>) Crown and Foot Rot (<i>Fusarium</i>) <i>Pythium</i> seed rot damping off and seedling blight*
Sorghum	1.53	Seed rot damping off and seedling blight	Root rot <i>Pythium</i> seed rot damping off and seedling blight

*The rate of 1.53 fl oz per 100 lbs of seed is needed to provide control of *Pythium* seed rot damping-off and seedling blight on wheat, barley, oats, rye and triticale

Tank Mix with a Metalaxyl Product

For soybeans and large seeded legumes, RANCONA Dimension Pro Seed Protectant suppresses *Pythium*. To control *Pythium*, RANCONA Dimension Pro may be tank mixed with a registered metalaxyl seed treatment product, such as BELMONT™ 2.7 FS or MetaStar™ ST. For control of *Pythium*, tank mix RANCONA Dimension Pro with at least 0.065 oz metalaxyl active ingredient per 100 pounds of seed (for example, tank mix with 0.1 fl oz of Belmont 2.7 FS or MetaStar ST per 100 pounds of seed) but no more than 0.5 oz of metalaxyl per 100 pounds of seed (that is, 1.4 fl oz of Belmont 2.7 FS or MetaStar ST per 100 pounds of seed).

For early season *Phytophthora* control on soybeans, tank mix RANCONA Dimension Pro Seed Protectant with 0.24 oz to 0.5 oz of metalaxyl active ingredient per 100 pounds of seed (that is, add at least 0.65 fl oz but no more than 1.4 fl oz of Belmont 2.7 FS or MetaStar ST per 100 pounds of seed).

When tank mixing with RANCONA Dimension Pro Seed Protectant, use the higher metalaxyl rate when the field has a history of higher *Pythium* or *Phytophthora* pressure. Contact your local Chemtura representative or supplier for specific recommendations.

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Tank Mix of RANCONA Dimension Pro with Belmont 2 7FS Application Volumes

Crop	Rate of RANCONA Dimension Pro per 100 lb seed	Rate of Belmont 2 7FS per 100 lb seed for <i>Pythium</i> Control	Rate of Belmont 2 7FS per 100 lb seed for Early Season <i>Phytophthora</i> Protection
Dried Shelled Beans and Peas	1 53 fl oz	at least 0 1 fl oz but not more than 0 5 fl oz	Not applicable
Soybeans	1 53 fl oz	at least 0 1 fl oz but not more than 0 5 fl oz	at least 0 65 fl oz but not more than 1 4 fl oz

NOTE MAXIMUM USAGE when applying multiple Metalaxyl and/or Mefenoxam containing products to the same crop within the same season DO NOT apply more than the maximum seasonal total for the active ingredient as stated on the label of the lowest seasonal total on that crop

Agitate the slurry to maintain uniformity Recalibrate your treating equipment to compensate for the addition of the dilution water or other seed treatment products Read and follow carefully all label directions and precautions of each combination product When using combinations of products the most restrictive of label limitations and precautions must be followed Do not tank mix with any pesticide that has a prohibition against tank mixing

TREATED SEED LABELING

Seeds treated with this product that are then packaged or bagged for future use must contain the following labeling on the outside of the seed package or bag

This package or bag contains seed which has been treated with ipconazole and metalaxyl

- Do not use for food feed or oil purposes Store away from feeds and foodstuffs
- Persons opening this bag or package or loading/pouring the treated seed must wear a long-sleeved shirt long pants chemical resistant gloves such as barrier laminate butyl rubber neoprene or Viton shoes and socks
- After seeds have been planted do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours *Exception* Once the seeds are planted in soil the Worker Protection Standard under certain circumstances allows workers to enter the treated area without restriction if there will be no worker contact with the soil subsurface or treated seed PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated such as plants soil or water is long-sleeved shirt and long pants chemical-resistant gloves such as barrier laminate butyl rubber nitrile rubber or Viton shoes plus socks
- Treated seeds exposed on soil surface may be hazardous to wildlife Cover or collect treated seeds spilled during loading and planting Dispose of all excess treated seed by burying seed away from bodies of water
- Do not contaminate bodies of water when disposing of planting equipment wash water
- Dispose of seed packaging or containers in accordance with local requirements

USE RESTRICTIONS AND PRECAUTIONS

- Do not use treated seed for food feed or oil purposes
- Care must be exercised in the handling of treated seed Do not use augers used for handling treated seed to move seed for feed food or oil processing Do not re use packaging from treated seed to handle food or feed products Dispose of seed packaging or containers in accordance with local requirements
- IN CALIFORNIA ONLY for use in commercial seed-treatment establishments NOT allowed for on-farm use

This product is undyed The purchaser of this product is responsible for ensuring that all seed treated with this product are adequately colored with a suitable colorant to prevent its accidental use as food for man or feed for animals Refer to 21CFR Part 2 25 Any colorant added to treated seed must be cleared for use under 40CFR Part 153 155

ALWAYS SHAKE, STIR OR OTHERWISE MIX THIS PRODUCT WELL BEFORE USE

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STORAGE AND DISPOSAL

Do not contaminate water food or feed by storage or disposal

PESTICIDE STORAGE Store in original container only After partial use replace lid and close tightly Store in a secure place that is temperate dry and out of direct sunlight Avoid excess heat Do not freeze **Always shake, stir or otherwise mix this product well before use**

PESTICIDE DISPOSAL Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility Cover or incorporate spilled treated seeds

CONTAINER DISPOSAL Nonrefillable Container

Plastic containers Do not reuse or refill this container Triple rinse container (or equivalent) promptly after emptying Then offer container for recycling if available reconditioning if appropriate or puncture and dispose of in a sanitary landfill by incineration or if allowed by State and local authorities by burning If burned stay out of smoke

Triple rinse as follows

For containers with capacity equal to or less than 5 gallons Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip Add water - at least 2% of the container volume and up to 1/3 of the volume of water needed to make the proper slurry composition with a maximum of 1/4 of the container volume - and recap Shake for 30 seconds Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal Drain for 10 seconds after the flow begins to drip Repeat this procedure two more times If used in application equipment adjust the slurry volume application rate to account for any added rinsate water

For containers with capacities greater than 5 gallons Triple rinse as follows Empty the remaining contents into application equipment or a mix tank Add water - at least 2% of the container volume and up to 1/3 of the volume of water needed to make the proper slurry composition with a maximum of 1/4 of the container volume Replace and tighten closures Tip container on its side and roll it back and forth ensuring at least one complete revolution for 60 seconds Stand the container on its end and tip it back and forth several times Turn the container over onto its other end and tip it back and forth several times Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal Repeat this procedure two more times If used in application equipment adjust the slurry volume application rate to account for any added rinsate water

Refillable container

Refill this container with pesticide only Do not reuse this container for any other purpose Cleaning the container before final disposal is the responsibility of the person disposing of the container Cleaning before refilling is the responsibility of the refiller

To clean the container before final disposal, empty the remaining contents into application equipment or mix tank Add water - at least 2% of the container volume and up to 1/3 of the volume of water needed to make the proper slurry composition with a maximum of 10% of the container volume Replace and tighten closure Agitate vigorously or recirculate the rinsate with a pump for at least 2 minutes ensuring that the rinsate rinses the walls of the container Empty the rinsate into application equipment or rinsate collection system for later use or disposal Repeat this procedure two more times If used in application equipment adjust the slurry volume application rate to account for any added rinsate water

Recycling

Once cleaned some agricultural plastic pesticide containers can be taken to a container collection site or picked up for recycling To find the nearest site contact your chemical dealer or manufacturer or contact the Ag Container Recycling Council (ACRC) at 1-877-952-2272 (toll free) or www.acrecycle.org

IMPORTANT NOTICE - Chemtura Corporation warrants that this product conforms to the chemical description and is reasonable fit for the purposes stated on the label only when used in accordance with the directions and instructions specified on the label under normal conditions of use but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose expressed or implied extends to the use of this product contrary to label instructions or under conditions not reasonably foreseeable to seller and to the extent consistent with applicable law the buyer assumes the risk of any such use

Treatment of highly mechanically damaged seed or seed known to be of low vigor and poor quality except for the purpose of curative control of existing disease pests may result in reduced germination and/or reduction of seed and seedling vigor Treat and conduct germination tests on a small test sample of seed before treating commercial quantities with a selected chemical treatment Due to seed quality and seed storage conditions beyond the control of Chemtura Corporation Chemtura Corporation makes no claims or guarantees as to germination of carry-over seed

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